

### Abstract of the Disclosure

Method for determining useful properties of individual building blocks of a material library including a substrate having at least two individual building blocks in at least two sections separated from one another, which method includes: (ii) introducing at least one starting material into at least two sections of a substrate of a material library which are separated from one another, in order to carry out a chemical or physical or chemical and physical reaction of the starting material in the at least two substrate sections separated from another, in each case in the presence of the corresponding building block, obtaining in each case an effluent comprising at least one reaction product and/or starting material and, (iii) analysing the effluent obtained in the reaction according to (ii) comprising at least one reaction product and/or starting material; the effluent being analysed by recording and analysing at least one photoacoustic signal.